

2021 NATIONAL FRUIT FLY SYMPOSIUM

Fruit fly in Australia – building future national success

4–6 May 2021

Online – 3-hour sessions each day

10.30am – 1.30pm AEST

Hosted by the National Fruit Fly Council, the National Fruit Fly Symposium has been designed to progress discussion on critical fruit fly issues and will seek to identify priorities for building future national success.

Day 1

Tuesday 4 May 2021

Australia’s fruit fly system is complex, involving many different stakeholders working together to manage fruit fly risks for the benefit of horticulture industries. Understanding the challenges and many interactions in the fruit fly system is key to identifying solutions and improvements for future national success.

Introduction and overview of fruit fly in Australia

10.30am

- Welcome

MC – **Toby Travanner**

- Background, purpose and scope of symposium
- Current issues and future directions for the National Fruit Fly Council

- **Sarah Corcoran** CEO, Plant Health Australia
- **Lloyd Klumpp** Chair, National Fruit Fly Council

10.55am

Part 1

Video 1: Why fruit fly matters – production and trade

Fruit flies are a major global horticultural pest and Australia has two species of fruit fly that are economically important – Queensland fruit fly and Mediterranean fruit fly. These fruit flies, and other exotic fruit fly threats, can significantly impact both production and access to export and domestic markets for affected fruits and vegetables.

11.05am

Panel Discussion – *Why fruit fly matters to production and trade*

Panel: Tony Clarke, Michael Rogers, Tom Eastlake, Lloyd Klumpp, Sonya Broughton, Bertie Hennecke



11.40am

Part 2

Video 2: Australia's fruit fly management system

Australia has a complex fruit fly management system, involving all levels of government, multiple industries and research organisations, and communities across the country. These many stakeholders have different roles and responsibilities and coordinating them into a cohesive national system is key to our future success.

11.45am

Panel Discussion

Panel: Tony Clarke, Michael Rogers, Tom Eastlake, Lloyd Klumpp, Sonya Broughton, Bertie Hennecke

Break ~12.25-12.30pm

12.30pm

Part 3

Video 3: Fruit fly complexities and challenges

Australia has experienced several fruit fly challenges over the last few decades, including an incursion of Papaya/Oriental fruit fly in Queensland, southern spread of Queensland fruit fly resulting in loss of pest freedom in NSW and Victoria, and recent outbreaks of fruit fly in pest free areas. These challenges have been met with multifaceted responses and adjustments by stakeholders. While there have been many victories, it is more important than ever that our efforts are consolidated and positioned for success.

12.40pm

Panel Discussion

Panel: Tony Clarke, Michael Rogers, Tom Eastlake, Lloyd Klumpp, Sonya Broughton, Bertie Hennecke



Day 2

Wednesday 5 May 2021

Fruit fly is one of the most significant global horticultural pests, affecting around half of Australia's \$13b horticultural sector. International and domestic trading partners are concerned about potential risks from fruit fly and Australian governments, industries, and researchers all have a role to play in managing those risks so that trade can be maintained, enhanced and facilitated wherever possible. Coordinating these efforts is vital to future national success.

Fruit fly and trade

10.30am

Introduction and brief recap of Day 1

MC

10.35am

Trade overview for horticulture

An overview of Australia's fresh horticulture trade – covering current and emerging trends and trade issues for fruit fly affected produce.

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| • Australia's fresh horticulture trade – current and emerging trends | Martin Kneebone FreshLogic |
| • Trade issues for fruit fly affected produce | Michael Clarke AgEconPlus |

10.55am

International biosecurity and trade

The Australian Government Department of Agriculture, Water and the Environment shares a unique perspective on the importance of fruit fly in export trade, trends in trade negotiations, and critical future success factors. The Australian Horticultural Exporters' and Importers' Association reflects on the vital role this plays in supporting Australia's horticultural exports and shares some of the current challenges associated with fruit fly related export trade.

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| • The importance of fruit fly in export trade, trends in trade negotiations, and critical future success factors | Peter Creaser
DAWE |
| • Supporting Australia's horticultural exports face challenges and impacts from fruit fly related export trade | Andrea Magiafoglou AHEIA |

11.20am

Domestic biosecurity and trade

The domestic plant health system works together to prevent the spread of pests and diseases across Australia. Preserving pest free areas and the east-west distribution of Queensland and Mediterranean fruit flies in Australia is managed by this regulatory system – setting a framework for domestic trade which also underpins our national export position.

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| • Overview of how the domestic plant health system works to manage fruit fly | Rosa Crnov
PHC Chair, and CPHM Agriculture Victoria |
| • Trade challenges for fruit fly affected produce in the domestic system | Sonya Broughton
CPHM, DPIRD WA |
| • Managing and moving produce across Australia to prevent spread of fruit fly | Andrew Bishop
CPHM Biosecurity Tasmania |



11.40am

Panel Discussion – *Improving the trade system for fruit fly affected produce*

- Interactive discussion on the domestic and international trade systems for fruit fly affected produce, including future threats and opportunities.

Panel: Peter Creaser, Michael Clarke, Rosa Crnov, Andrea Magiafoglou

Break - 12.10-12.15pm

12.15pm

Industry fruit fly trade challenges

A wide variety of fruits and vegetables are hosts to fruit fly, but when it comes to trade, each industry is affected in different ways. Industry experiences in managing fruit fly and trade will be shared from several different sectors.

• The citrus industry's experience in managing fruit fly and trade	David Daniels Citrus Australia
• The berry industry's experience in managing fruit fly and trade	Jenny van de Meeberg Berries Australia
• Perfection Fresh's experience in managing fruit fly and trade	Andrew Redman CTO, Perfection Fresh

12.40pm

Grower fruit fly trade challenges

Each grower also has a different experience in accessing markets for fruit fly affected produce. Hear the unique perspectives of a summerfruit grower in Victoria, and an apple grower in Tasmania's Pest Free Area.

• A summerfruit grower's experience in accessing markets for fruit fly host produce	Joelene Williams Lake Boga, Victoria
• An apple grower's experience in accessing markets for fruit fly host produce	Brett Squibb Spreyton, Tasmania

12.55pm

Research to support trade

Fruit fly research provides a critical evidence-base for trade. There are a range of research programs in Australia that support trade and this session will provide insights into current directions and future research needs.

• Fruit fly research programs for trade – a Hort Innovation perspective	Anthony Baker Hort Innovation
• Fruit fly research for trade – directions, challenges and future needs	Peter Leach Queensland DAF
• Systems approaches – an alternative pathway for trade?	Rieks van Klinken CSIRO

1.15pm

Panel Discussion – *Improvements for industry for future trade success*

Interactive discussion on the domestic and international trade systems for fruit fly affected produce, including future threats and opportunities.

Panel: Andrew Redman, Joelene Williams, Peter Leach



Day 3

Thursday 6 May 2021

Protecting horticultural production from fruit fly is an ongoing challenge requiring multiple approaches to suit the differing commodities and pest pressures across Australia. Adopting best-practice for pest monitoring and in-field controls is an ongoing pursuit for growers which can often be impacted by issues outside of their control, such as loss of traditional agrichemicals and off-farm risks presented by peri-urban areas.

Fruit fly and production

10.30am

Introduction and recap of Day 2

MC

10.35am

Grower fruit fly and production challenges

Fruit fly is reasonably well managed as a production pest in Australia but there are still important challenges that need to be overcome. Improving on-farm fruit fly knowledge and preparing for heavy fruit fly seasons are two important experiences that will be shared by growers in this session.

- A mango grower's experience of fruit fly production challenges

Dale Williams
Bowen, Qld

- A citrus grower's experience of fruit fly production challenges

Vito Mancini
Griffith, NSW

10.55am

Current on-farm management tools

Continuous improvement of on-farm management tools for fruit fly remains an important goal for industry. As agrichemical options diminish, a range of other tools must be capable of addressing the needs of growers and supporting the production of 'clean' fruit.

- Current and emerging agrichemical challenges for growers

Kevin Bodnaruk
Consultant

- IPM and using a systems approach to manage fruit fly in-field

Dan Papacek
Bugs for Bugs

- Fruit fly trapping to protect production

Andrew Jessup
Consultant

11.20am

Research to support production

Research to support production often has cross-industry benefits. There are several research projects recently completed and/or underway that will contribute to improve on-farm fruit fly management. There are also gaps that need to be considered.

- Fruit fly research programs for production – a Hort Innovation perspective

Greg Chandler
Hort Innovation

- Current research in fruit fly biological controls

Paul Cunningham Agriculture
Victoria

- Current and emerging research trends to protect production from fruit fly

Polychronis Rempoulakis
NSW DPI



11.40am

Panel Discussion – *Tools to protect production*

Interactive discussion on current and developing tools to protect production including trapping, Sterile Insect Technique, biological controls, agrichemicals, and Integrated Pest Management.

Panel: Steve Burdette, Andrew Jessup, Dan Papacek, Polychronis Rempoulakis

Break ~12.15-12.20pm

12.20pm

Off-farm challenges and opportunities and successes

Off-farm challenges include risks of fruit fly spreading from abandoned orchards, backyards of peri-urban areas or metropolitan areas, or from street trees. Managing these risks involves close cooperation with communities. The different social aspects of cooperation can ultimately determine levels of success.

• Sunraysia's experience with area-wide management	Narelle Beattie Sunraysia Governance Group
• Bundaberg's experience with community engagement	Bree Grima Bundaberg Fruit and Vegetable Growers Cooperative
• South Australia's fight to keep fruit fly freedom	Nick Secomb PIRSA
• Lessons from social research on area-wide management	Heleen Kruger ABARES

12.50pm

What we've heard – the wicked fruit fly problems

Following several months of consultation and engagement with a wide range of stakeholders, the manager of the National Fruit Fly Council will share the top fruit fly issues that are common across Australia and are seemingly impossible to resolve.

• What we've heard – the wicked fruit fly problems	Christina Cook NFFC
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1.00pm

Wrap-up Panel Discussion – *Building future national success: critical factors and next steps*

Interactive discussion summarising the fruit fly discussion over the three days of the symposium and considering the critical factors and next steps to build future national success.

Panel: Lloyd Klumpp, Alison Anderson, Steve Burdette, Tom Eastlake, Gabrielle Vivian-Smith

1.30pm – Close

